

Abstract

Process for the preparation of alkylated N- or amino,
ammonium or spirobicyclic ammonium group-containing,
5 crosslinked polymer gels, which is characterized in
that

- a) in the crosslinkage step an aqueous solution of a
polymer obtained by polymerization of the corresponding
monomer is adjusted to a pH of 7.5-14 at a temperature
10 of 0 to 90°C, then the appropriate crosslinking agent
is metered in and precrosslinkage is carried out with
stirring and the precrosslinked polymer is transferred
for complete curing to a curing container, whereupon
- b) the cured crude gel is cut into a defined shape,
15 then
- c) washed with methanol batchwise in a static or
stirred bed and directly following this
- d) in methanol, the alkylation is carried out, after
which the alkylated gel
- 20 e) is first washed batchwise by means of
methanol/NaCl washes in a static or stirred bed or
continuously, then
- f) batchwise by means of NaCl washes and final water
washes with deionized water in a static or stirred
25 bed or continuously and also a process for the
preparation of the alkylators used in sted d).